



Javier Rosales Lozano

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PROFESSIONAL PROFILE

Computer Engineering student aiming to fully develop in my profession by participating in technological and innovative projects where I can apply my knowledge and skills to create value, enjoy my work, and maintain a balance between stability and professional growth. Motivated by the trust and support received throughout my education, with a strong desire to actively pursue my goals while learning and growing every day.

ACADEMIC BACKGROUND

09/2022 - Present

University Carlos III de Madrid | Leganés (Madrid)

Pursuing a Bachelor's Degree in Computer Engineering

09/2020 - 05/2022

IES La Senda | Getafe (Madrid)

High School Diploma: Science Track

OUTSTANDING PROJECTS

MyHomie! - Design of an Interactive System following Design Thinking

Technologies: JavaScript, Node.js, APIs REST, Socket.IO, Express, HTML/CSS

- Home automation application powered by an Express server.
- Includes gesture recognition using a mobile device and voice command integration.

Predictive model for employee resignation

Technologies: Python, Scikit-Learn, Pandas, Numpy, Matplotlib

- Use of supervised ML algorithms.
- Results analysis using domain-specific metrics.

Distributed Application for Message and File Passing

Technologies: Python, C, Web Services, Sockets, RPC/ONC

- Client-server communication across different programming languages.
- File transfer between clients, RPC server, and web service.

WORK EXPERIENCE

10/2025 - Present

Web Developer | Content Trip Solutions, S.L. (Smartvel)

External academic internships

10/2022 - 10/2025

Private tutor

Face-to-face and virtual classes for official exam preparation

SOFT SKILLS

- Organizational skills - Teamwork
- Project planning - Initiative and proactivity
- Problem solving - Conflict mediation and management

TECHNICAL SKILLS

Programming Languages:

- **Python:** Data Science, Advanced Software Development, Machine Learning, AI, Cryptography, Distributed Systems
- **C/C++:** Concurrency, Distributed Systems, Web Services, Functional Programming
- **JavaScript:** Interactive Systems Development, Advanced Software Programming

Web Development:

- **HTML/CSS:** Advanced Web Development, UI/UX Design, Accessibility and Inclusive Design

Databases:

- **PL/SQL:** Relational Database Design and Management
- **MongoDB/Cassandra:** NoSQL Database Modeling and Management

Tools & Technologies:

- **Git/Github:** Version Control and Collaborative Development
- **Excel:** Advanced Level; Data Analysis and Data Management

LANGUAGES

Spanish: Native

English: B2 Level, Cambridge English First (FCE)

INTERESTS

Black Belt in Judo, 1st Dan (Spanish Judo Federation)